

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q94478

Aurelian DODOC, et al.

Appln. No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: April 21, 2006

Examiner: Not Yet Assigned

For: REFRACTIVE PROJECTION OBJECTIVE FOR IMMERSION LITHOGRAPHY

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of an International Search Report from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Search Report indicating the degree of relevance found by the foreign patent office. In addition, a concise statement of relevance for the foreign language document being submitted is found in the Background discussion of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

GFL/plr  
Date: April 21, 2006

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**


(use as many sheets as necessary)

Complete if Known

Application Number	Not Yet Assigned <b>10/576754</b>
Confirmation Number	Not Yet Assigned
Filing Date	April 21, 2006
First Named Inventor	Aurelian DODOC
Art Unit	<del>Not Yet Assigned</del> 2873
Examiner Name	<del>Not Yet Assigned</del> D. Collins
Attorney Docket Number	Q94478

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
/DJC/		US 2003/0030916	A1	2/13/2003	SUENAGA
		US 4,480,910		11/6/1984	TAKANASHI ET AL.
		US 5,610,683	A	3/11/1997	TAKAHASHI

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/DJC/		DE	102 10 899	A	9/18/2003	CARL ZEISS SMT AG	
/DJC/		DE	101 11 299	A	9/12/2002	CARL ZEISS	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/DJC/		W. J. SMITH, "STOPS AND APERTURES", MODERN OPTICAL ENGINEERING, MCGRAW-HILL BOOK COMPANY 2000, NEW YORK NY, PAGES 141-143	
/DJC/		M. SWITKES AND M. ROTHCHILD, "IMMERSION LITHOGRAPHY AT 157 NM", AMERICAN VACUUM SOCIETY, J. VAC. SCI. TECHNOLOGIES B 19(6), NOV/DEC 2001, PAGES 2353-2356, LEXINGTON, MASSACHUSETTS	

Examiner Signature

/Darryl J. Collins/

Date Considered

09/08/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJC/